

Directions for cutting out and using the Word Problems for Area and Volume

The name for each set of area/volume problems is placed both at the top of each set of word problems and for each individual word problem itself. There are between 9 and 12 word problems for each topic. Along with each set of word problems there is a set of "prompts" which say:

- Base
- Height
- Area
- What are you trying to find?
- Formula
- Not needed

These prompts, the word problem and the corresponding answers are all coded in the same way. (Please note, that not all area formula will say base and height, depending upon which figure is dealt with.)

It is suggested that each word problem be contained in a small, 3 1/8" x 5 1/2" coin envelope available at most office supply stores. These envelopes, in turn, may be contained in 3" x 4" x 6 1/2" plastic boxes, or two pocket folders trimmed to 7" tall and folded into three sections.

When giving the lesson, have the child read the word problem. Set out the prompts in the above order and place the corresponding answer next to it. Using this information, perform the calculations for the word problem.

It is strongly recommended that the children not only set out the prompts each time, but also record the information along with their calculations. Not only does this provided the information for the teacher to check, it also provides a structure for all types of word problems.

- What do I know?
- What am I trying to find?
- What do I not know?
- What formula or operation will I need to find the answer?
- What is extraneous information?

Thank you,

The team at ETC